

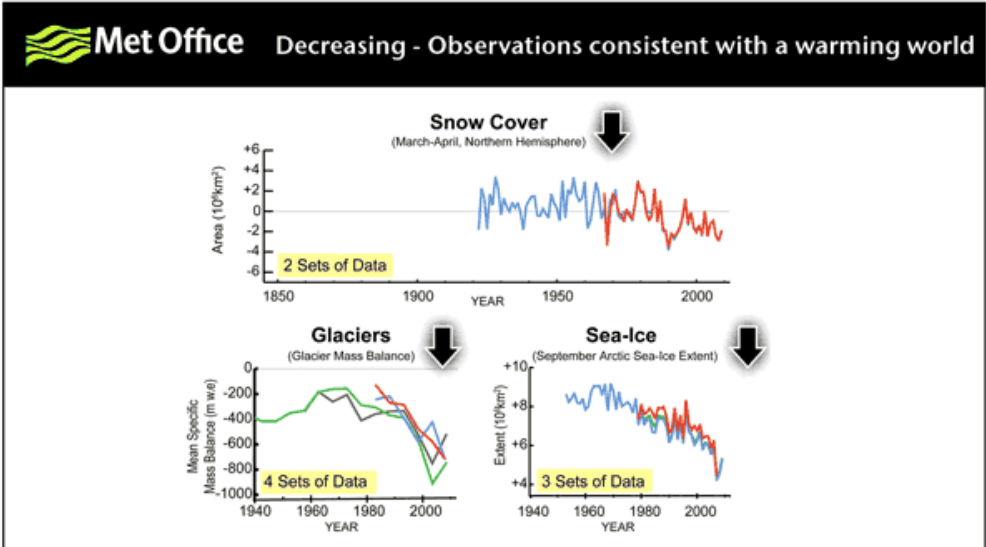
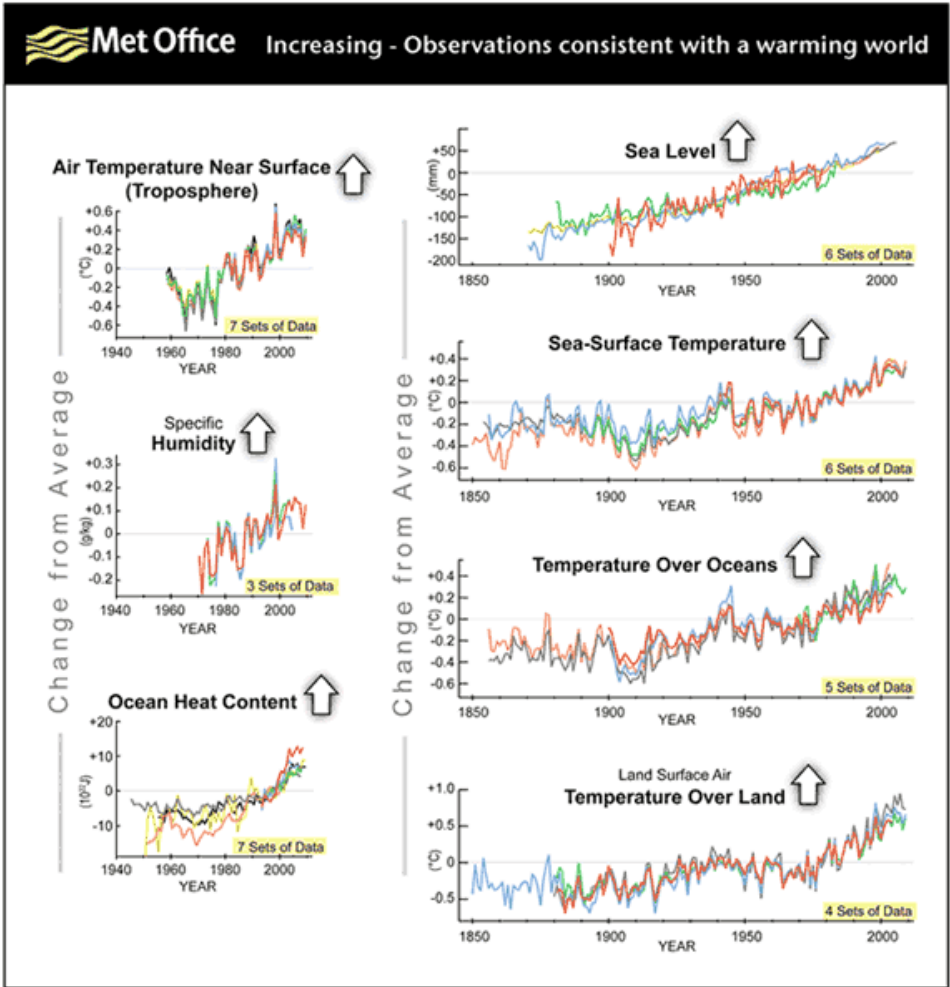
Met Office supports Climate Week

21 March 2011 - Climate Week begins today and aims to highlight the many positive steps already being taken by people throughout the country to tackle climate change.

The Met Office is supporting **Climate Week**, acting as the lead science adviser and providing clear guidance on the results from research and studies undertaken by our climate science experts.

Among this work is the compelling evidence of rising global temperature published in 2010 by the National Oceanographic and Atmospheric Administration in the US in its annual 'State of the Climate' report.

In the report, Met Office scientists collated a range of different measurements that demonstrate unmistakable signs of a warming world. Measurements show things such as air temperature, sea-surface temperature, sea level, humidity and higher-level tropospheric temperature are all rising. Others such as Arctic sea ice, glaciers and spring snow cover in the northern hemisphere are declining.



It is this detailed level of science that the Met Office routinely provides to advise on climate across government and throughout industry and commerce.

Discussing the science

Professor Julia Slingo, Met Office Chief Scientist, said: "Whenever we talk about climate change it's important we do so with a proper understanding of the science. For example, when we look at air temperature and other indicators of climate, we see highs and lows in the data from year-to-year because of natural variability. Understanding climate change requires looking at the longer-term record. When we follow decade-to-decade trends using different data sets and independent analyses from around the world, we see clear and unmistakable signs of a warming world.

"That is why I am very pleased that the Met Office is associated with Climate Week. We hope our science will help people understand what our climate is and how it works."

Answering your questions

As part of our association with Climate Week, Met Office scientists will be on hand at the launch to answer questions on aspects of climate science and to judge a schools competition. This supports the role the Met Office is playing in increasing peoples understanding of climate science with other initiatives, including providing science content and videos to the Climate Week website and through the OPAL climate survey and online question post box as well.

Kevin Steele, founder of Climate Week, said: "The Met Office is a household name known and trusted by millions of people across the UK, as well as being one of the country's leading scientific organisations. It is tremendous to have it contributing its scientific expertise to the Climate Week campaign."

For more information visit the [Climate Week website](#) .

Watch our video guides on our [YouTube Channel](#)

What is Climate? [\(YouTube\)](#)

What is climate transcript (PDF, 104 kB)

What is Climate Change? [\(YouTube\)](#)

What is climate change transcript (PDF, 89 kB)

Contact details

Members of the media can email: pressoffice@metoffice.gov.uk or call us on +44 (0)1392 886655*.

Out-of-hours an operator will contact the on-duty press officer.

**If your call is not a media enquiry you should contact our Customer Centre on 0870 9000100.*